VideoMate V220/V220F
Analog Standalone TV Box
Start Up Guide

Compro Technology, Inc.
www.comprousa.com

Table of Contents

About This Guide 3

VideoMate V220/V220F TV Box Contents 4

Install V220/V220F TV Box with Box Stand 5

VideoMate V220/V220F TV Box Connection 6

Buttons on VideoMate V220/V220F TV Box 7

Remote Control Key Definition and Use 8

VideoMate V220/V220F TV Box Using Guide 9

Troubleshooting..... 15

Copyright © 2001-2008. Compro Technology, Inc. No part of this document may be copied or reproduced in any form or by any means without the prior written consent of Compro Technology, Inc.

Compro, VideoMate, Poladyne, Play with Power, and the Compro logo are trademarks of Compro Technology, Inc. Other names and marks are trademarks of their respective owners.

COMPRO makes no warranties with respect to this documentation and disclaims any implied warranties of merchantability, quality, or fitness for any particular purpose. The information in this document is subject to change without notice. COMPRO reserves the right to make revisions to this publication without obligation to notify any person or entity of any such changes.

Compro Technology, Inc.
Tel. +886 2 2918 0169, Fax +886 2 2915 2389
4/F, No.12, Alley 6, Lane 45, Pao Shin Road Hsintein City, Taipei, Taiwan.
www.comprousa.com

About This Guide

This guide provides you the information on how to install and use your VideoMate V220/V220F analog standalone TV box.

VideoMate V220/V220F analog standalone TV box lets you watch TV with your computer monitor without driver or applications install, also the V200F can provide FM radio listening. V220/V220F TV box provide S-video and composite video input which allow you to connect other video devices (i.e. DVD Player, camcorder, XBox360, PS 2, PS 3, Wii or other game console). The maximum resolution is 1600x1200 and 1680x1050, which allows you to have crystal clear pictures. It also supports 4:3, 5:4, 16:9, and 16:10 screen ratio for all kinds of monitors. With the remote control that included with V220/V220F package will greatly increase the value of the computer monitor which also saves you from buying another TV set.

MINIMUM SYSTEM REQUIREMENTS

- Monitor (CRT or LCD) contains D-sub Connector and supports 640*480 resolution or above.
- Speakers with stereo jack.
- Analog TV cable or antenna input

Warning

It is normal for VideoMate V220/V220F TV Box become warm when it is being used. Please place the TV Box at a place where the air flows.

VideoMate V220/V220F TV Box will only need a computer monitor to work; It does not require to connect to computer nor turn on the computer to work properly.

Please do not use other adaptor except the one included in the package to V220/V220F prevent damaging V220/V220F. Damaged V220/V220F by using wrong adaptor will not be cover from the warranty.

VideoMate V220/V220F TV Box Contents

V220/V220F
TV Box

TV Box
stand

Remote Control

AAA batteries

Start Up Guide

Power Adaptor

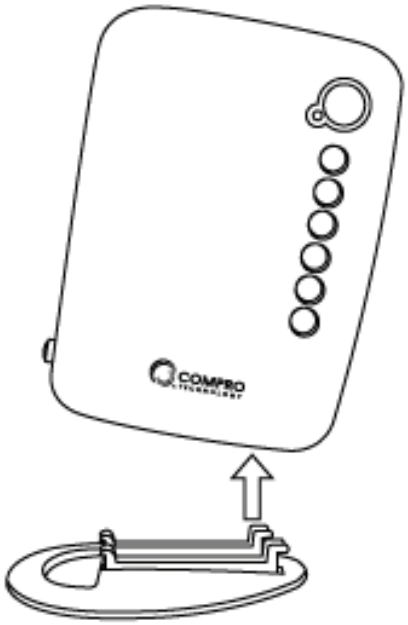
9-pin Mini-DIN
to 15-pin D-sub
Cable

Audio Cable

FM Antenna

Install V220/V220F TV Box with Box Stand

Step 1

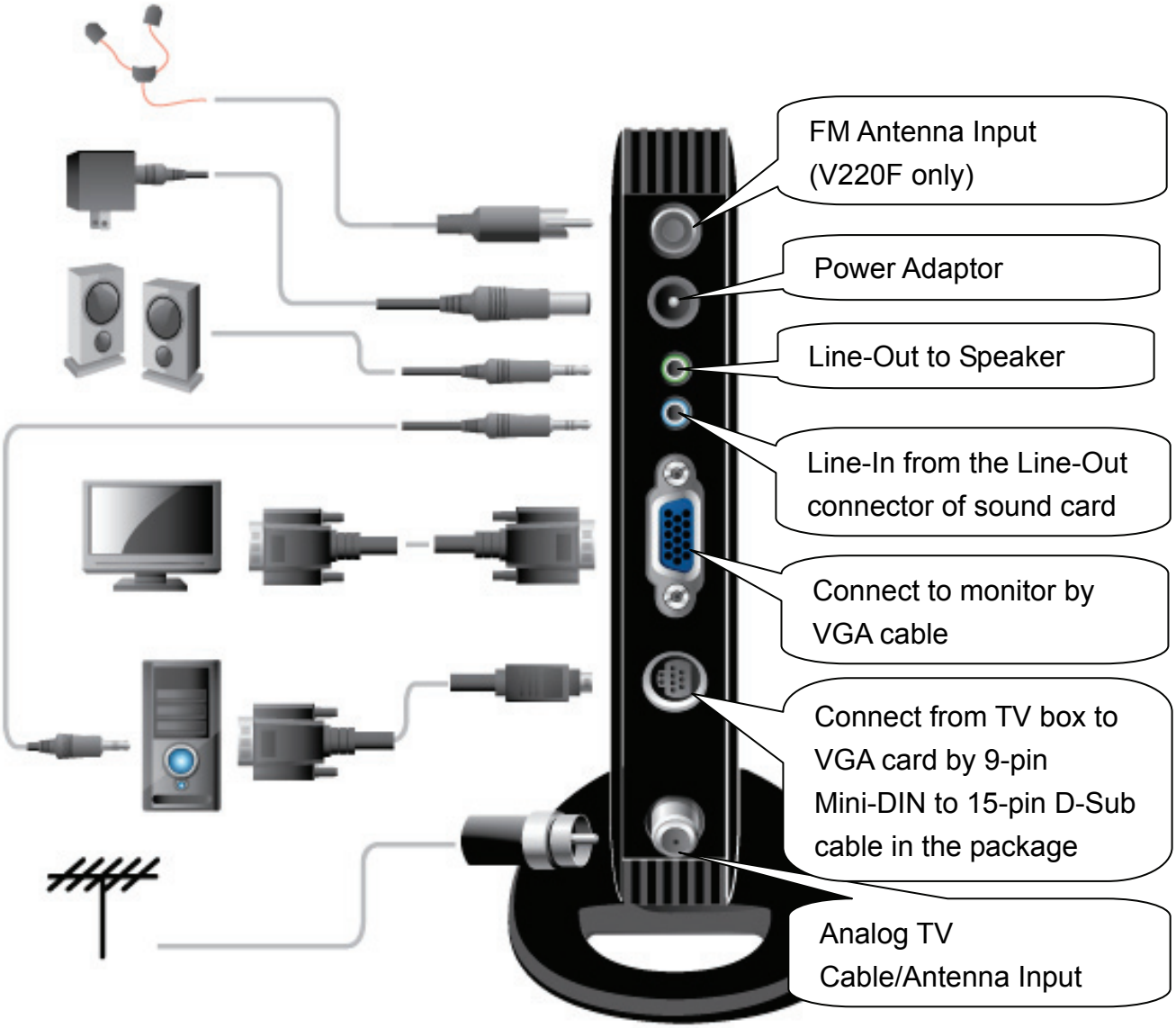


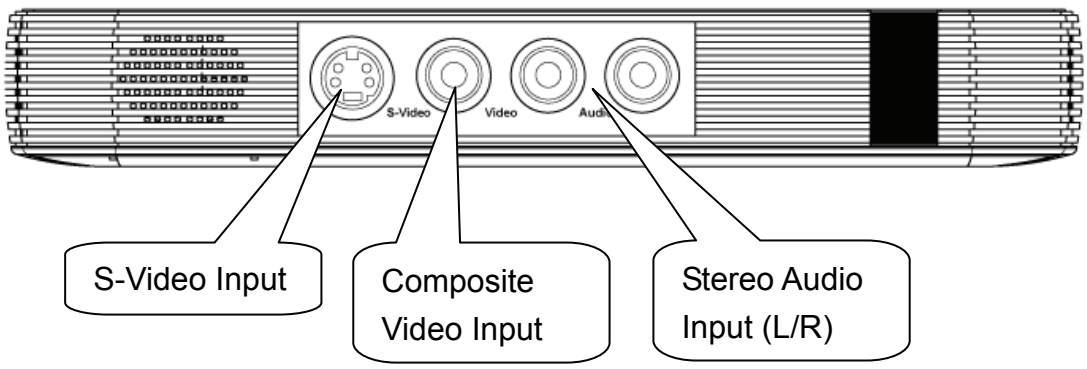
Step 2

Step 3

Step 4

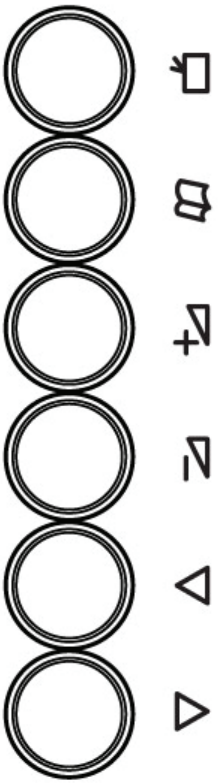
VideoMate V220/V220F TV Box Connection





Buttons on VideoMate V220/V220F TV Box

Power On/Off



Source Switch
TV→AV (Composite) →S-video→FM

Open OSD Menu

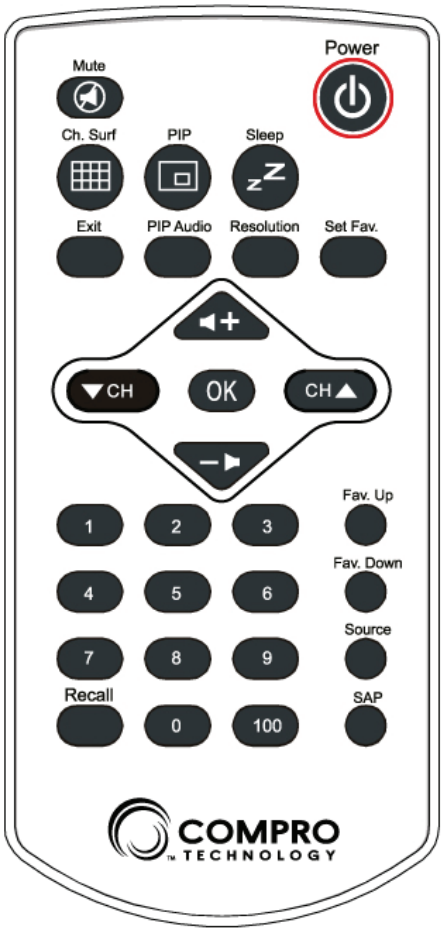
Volume Up

Volume Down

Channel Up

Channel Down

Remote Control Key Definition and Use



Power	Power On/Off
Mute	Mute
Sleep	Sleep mode (OFF→30→60→90→120 minutes)
PIP	Picture In Picture On/Off and screen size select
Ch. Surf	9 Channels preview
Set Fav.	Set to favorite channel list
Resolution	Switch Resolution
PIP Audio	Switch audio between TV and PC in PIP mode
Exit	* Exit OSD Menu * Display info * **Pause live TV screen** * Exit PIP to TV mode
	Volume Up / Direction key “Up”
	Volume Down / Direction key “Down”
CH	Channel Up / Direction key “Right”
CH	Channel Down / Direction key “Left”
OK	* Confirm / Open OSD Menu * Switch PIP mode in PIP: Open (default): Channel/Volume up/down Close: Direction key to move TV screen on windows’ desktop
Fav. Up	Favorite channel list up
Fav. Down	Favorite channel list down
Source	Source Switch (TV→AV(Composite)→S-Video→FM)
SAP	Stereo/SAP/Mono
0-9	Number Keys
100	Number Key
Recall	Return to last channel

VideoMate V220/V220F TV Box Using Guide

Using at the first time

Please refer to the above for correct setup to use V220/V220F TV box. After you have connected the power adaptor, you can press the power switch to turn on the TV box and you will see the green LED light beside the power button. The default TV settings will be your local country and TV system, and you can change it from OSD menu later. Now you may enjoy the TV shows on your monitor.

If you have connect V220/V220F TV box to your computer's video card, press the power button on the TV box to switch between TV and PC signal.

Order of the Sources: TV → AV (Composite) → S-Video → FM → TV…

VideoMate V220/V220F TV Box supports 60 and 75 Hz with 9 resolutions from below. The default setting is 1024*768 @ 60Hz.

Resolution 1 -> 640*480 (4:3)
Resolution 2 -> 800*600 (4:3)
Resolution 3 -> 1024*768 (4:3)
Resolution 4 -> 1280*720 (16:9)
Resolution 5 -> 1280*1024 (5:4)
Resolution 6 -> 1400*1050 (4:3)
Resolution 7 -> 1440*900 (16:10)
Resolution 8 -> 1600*1200 (4:3)
Resolution 9 -> 1680*1050 (16:10)

To change resolution, please open up menu and select the resolution you want. Refer to later instruction for more detail. "Resolution" button from the remote controller can also switch the resolution.

If using PIP feature, the refresh rates in Windows support resolutions below:

Resolution	Support Refresh Rate			
	60 Hz	70 Hz	72 Hz	75 Hz
640 x 480	Yes	-	Yes	Yes
800 x 600	Yes	-	Yes	Yes
1024 x 768	Yes	Yes	Yes	Yes
1152 x 864	Yes	Yes	-	Yes
1280 x 1024	Yes	Yes	Yes	Yes
1280 x 720	Yes	Yes	Yes	Yes
1440 x 900	Yes	Yes	Yes	Yes
1400 x 1050	Yes	Yes	Yes	Yes
1600 x 1200	Yes	-	Yes	Yes
1680 x 1050	Yes	**No**	**No**	**No**

OSD Menu Guide

Menu button will open up OSD Menu, please use the direction key to navigate.

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Brightness	Adjust the brightness (0~100)			
Contrast	Adjust the Contrast (0~100)			
Saturation	Adjust the Saturation (0~100)			
Sharpness	Adjust the Sharpness (0~15)			
Hue	Adjust the Hue (0~100)			
OptiColor Mode	3 preset modes (Standard/TV, Game, and Cinema) and 5 custom modes of picture settings. You can adjust the color settings then save it in custom mode.			

(Picture)	**(TV)**	(Monitor)	(OSD)	(Sound)
Input Signal	Select Air or Cable for TV input signal type. Default is Air			
Channel Rename	Set a name for specific channel. (5 letter/numbers)			
Fine tune	Fine tune frequency if TV is unclear. (0~100) default is 50			
Auto Scan	Recommend to use Auto Scan for the first time. (NO/YES)			
Channel Swap	Swap the channel numbers to your preference. (NO/YES)			
CH Add/Erase	Add or Erase channel. (Default: Add)			
Channel Video System	Change video standard for current channel. (Only appears in countries with 2 or multiple TV systems)			

FM Mode: While listen to FM radio, this OSD page will different with TV mode.

(Picture)	**(FM)**	(Monitor)	(OSD)	(Sound)
Auto Scan	Recommend to use Auto Scan for the first time. (NO/YES)			
Enter Frequency	Directly input the channel frequency you want to listen. And you can use the CH Add/Erase to save it.			
CH Add/Erase	Add or Erase channel. (Default: Add)			
Channel Rename	Set a name for specific channel. (5 letter/numbers)			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Resolution	640*480	800*600	1024*768 (default)	1280*720
	1280*1024	1400*1050	1440*900	1600*1200
	1680*1050			
Refresh Rate	60Hz (default) 75Hz			
Noise Reduction	Adjust level of noise reduction. (0~8) Default is 4			
OptiRatio	4:3 16:9 SmartZoom Panorama Full			
Display Type	LCD (default) CRT PDP			
Input Source	TV AV (Composite) S-Video FM PC			
Position Finetune	Use right and left direction key to adjust the position of screen			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
OSD Position	Use direction keys to move OSD position			
OSDTransparency	1 2 3 4			
Language	Select your language (Default is your local country)			
Information	VideoMate V200F/V200 Version information			
Reset All Settings	NO/YES (1 Cancel / 2 Reset All Settings)			
Country/Region	Select your country or region			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Volume	Adjust volume (0-50)			
Treble	Adjust Treble volume (0-15)			
Bass	Adjust Bass volume (0-15)			
Dynamic Bass Boost	ON/OFF (Default is OFF)			
Stereo Effect	Adjust Stereo Effect (0~8) Default : 0			
SAP Mode	ON/OFF (Default is OFF) (Only appears in PAL/SECAM TV system area)			
Reset	Reset sound settings (NO/YES)			

Channel Swap

To swap the channel numbers, please select **Channel Swap** from the menu then select YES, and it will show as a sub menu. Once you have entered this menu, you will see a list of channels. You may browse with the direction keys; Up and Down are going through the list while Left and Right are changing

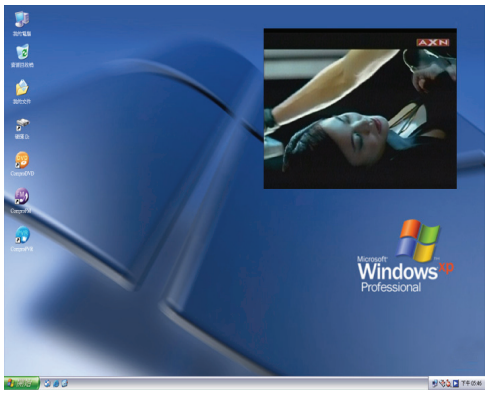
pages of the list. Select the channel number that you wish to swap and press **OK**, and then enter the number of the channel that you wish to switch.
To reset to the original channel numbers, please rescan the channel table again by selecting Auto Scan in the menu.

My Favorite Channel List

My favorite channel list can store up to 10 channels that you watch the most and browse with “Fav. Up” and “Fav. Down” keys on the remote control.

To add channels to the favorite list, please turn to the channel you wish to add and press “**Set Fav**” on the remote control. Press “**OK**” on the selected position.

PIP (Picture In Picture)



You can start PIP function by clicking “PIP” button on the remote control. It allows you to watch TV on the Windows desktop.

When PIP is working, press “PIP” button again will change the size of the TV screen; you may zoom twice and the third time you press “PIP”, it will close the PIP function.

The PIP feature can supports up to 1680 x 1050 windows’ resolution.

Note:

If you need to move the TV screen position on Windows desktop, please press the “**OK**” to switch the keys of channel and volume up/down into direction key, and you can move the PIP TV windows to the place you want.

Channel Surfing

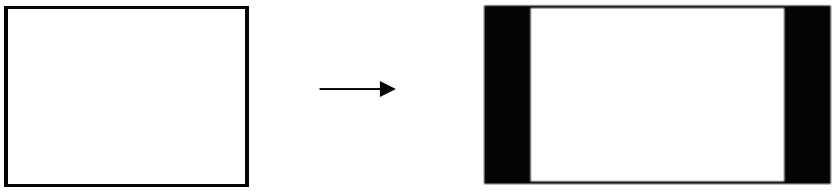
Channel Surfing allows you to preview and find the channel you want by presenting in 9 squares.

To access this function, please press “**Ch.Surf**” button on the remote controller. The pictures will refresh from left to right. When you have found the channel you prefer, please press the correspondent number keys (1~9) to switch to that channel.

OptiRatio

OptiRatio Aspect Selection provides 4:3, 16:9, Panorama, Full Screen, and SmartZoom aspect ratio selections to provide the best TV and video watching on different type monitors.

4:3 Mode: When the 4:3 formats TV/video display on 16:9/16:10 wide-screen monitors, it can keep the 4:3 aspect ratio video and add letter box on both left and right sides.

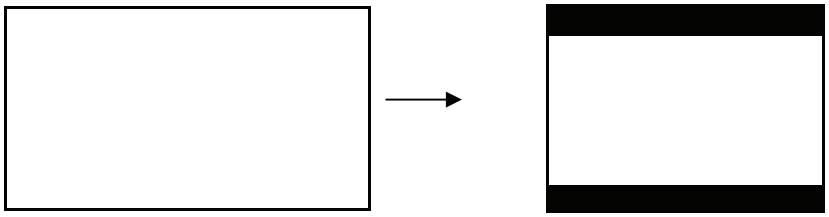


Original video format 4:3

Add letter box on both left and right sides of wide-screen monitors

16:9 Mode:

When the 16:9 formats TV/video display on 4:3/5:4 standard monitors, it can keep the 16:9 aspect ratio video and add letter box on both the top and bottom.

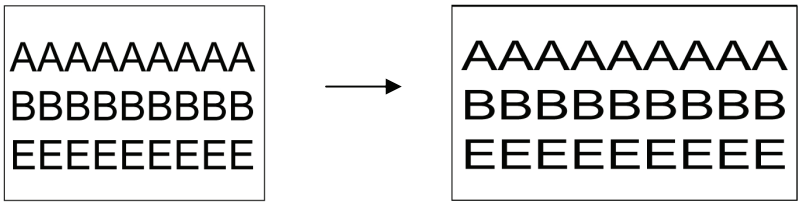


Original video format 16:9

Add letter box on both top and bottom sides of standard monitors.

Full Screen Aspect Ratio Mode:

Stretch all the input TV and video to full screen display. But if the original video format is 4:3, it will look a little squash.

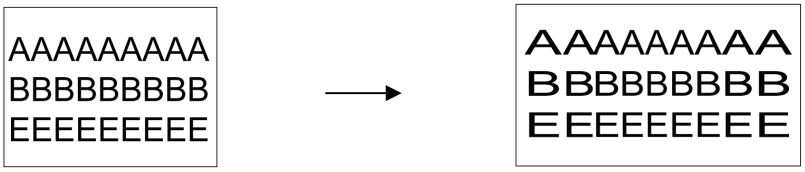


Original video format 4:3

Stretch video to fit monitors

Panorama Mode:

Extend all the input TV and video to full screen display. But the distortion on the center of screen will be less than full screen mode and looks better.



Original video format 4:3 Less distortion from center

SmartZoom Mode:

When the 16:9 movie broadcast from TV channel, it will add the letter box for 4:3 video format transmit and it looks small on the 16:9/16:10 wide-screen monitors. The SmartZoom mode can remove the letter box on top and bottom to make the movie displays bigger and clearer.

Original video format on 4:3 monitor

Letter box on each sides of video with 16:9 monitor

Removed letter box to display 16:9

Dynamic Bass Boost

Dynamic Bass Boost is a function that will automatically analyze your audio signal and adjust the volume of the bass. To activate this function, please press the **MENU** button and select **Sound** section, then select **ON** with the option of **Dynamic Bass Boost**. You may refer to the **OSD Menu Guide** above for exact location.

Stereo Effect

Stereo Effect is a function that will simulate stereo sound when your audio input is Mono. When your audio input is stereo, it will enhance the effect and give you a greater feeling of the surrounding effect. To activate this function, please press the **MENU** button and select **Sound** section, then adjust the **volume** of **Stereo Effect** higher for greater effect. You may refer to the **OSD Menu Guide** above for exact location.

SAP Mode (Only appears in PAL/SECAM TV system area)

SAP Mode is a function that will allow you to broadcast Main Audio Channel in the left and Sub Audio Channel in the right. To activate this function, please press the **MENU** button and select **Sound** section, then select **ON** with the option of **SAP Mode**. Switch to the channel that contains both Main and Sub Audio Channel, and then change the stereo mode to SAP by pressing **SAP** button on the remote controller.

Troubleshooting

Installation

The most common cause of the problem is the incorrect connection of the cables. Please refer to “VideoMate V220/V220F TV Box Connection” on proper connection. And also please check the power adaptor already plugged.

Warning

It is normal for VideoMate V220/V220F TV box become warm when it is being used. Please place the TV Box at a place where the air flows.

Please do not use other adaptor except the one included in the package to prevent damaging V220/V220F. Damaged V220/V220F by using wrong adaptor will not be cover from the warranty.

No Picture

Please make sure you have properly connected the TV cable to TV Box in order to watch live TV. It might also because the input source of V220/V220F TV Box is not set to TV mode, please switch the video input source to TV.

No Sound

Please try to use the built-in speaker to make sure the TV ot FM audio is OK. Then if the TV display without sound, please make sure you have connect your speaker to V220/V220F TV Box's Line Out and check the speaker has turn on and volume is not at the minimum.

If you switch to PC and PC does not have sound while TV has it, please make sure you have connected Line-In from V220/V220F TV Box to Line-Out from your computer.

How to add the missing channel?

If there are some channels missing after Auto Scan, you can add the missing channel to channel table by yourself from the steps below:

1. Please directly key-in the missing channel number by remote number pad.
2. Press "Menu" key to open the OSD menu.
3. Select the "TV" setting tab (the second from left).
4. Select "CH Add/Erase", and then pick "Yes" to add channel.
5. Now you can watch the missing channel.

TV picture is not clear?

TV signal could be reduced by the branching. Please make sure the cable signal is good. Try to move the computer to a TV set and connect the cable which is being used for the TV set. Also directly connecting the cable before the splitter may help. This problem could also come from with static. Once you connect the cable to our TV card, the static interfere the system. It's possible to correct this problem by connecting a wire from the grounding of the cable to ground. Also make sure computer grounding is good.

Why PIP does not work?

Please make sure you have connected your computer VGA to V220/V220F and connect V220/V220F to the monitor. For more information, please refer to the TV box connection description.

If your display card of your computer has both DVI and VGA connected, please make sure the settings in Windows is set to VGA output.

Please also check if your desktop resolution is one of our supported resolutions. Please refer to the detail list of resolutions.

Contacting Compro Technical Support

Before you submit an email for support, please check the troubleshooting list above. You may fill out the form (http://comprousa.com/en/form.htm) or directly email to **support@comprousa.com**